

**Test Result****Ant 0+Ant 1:**

Condition	Mode	Ch.	Antenna	Center Frequency (MHz)	Calculated Value of Center Frequency(MHz)	Result (ppm)	Limit (ppm)	State
NT/NV	20M	36	0	5180.0	5180.000144	0.03	20	PASS
			1	5180.0	5179.998231	-0.34		PASS
			2	5180.0	5179.997981	-0.39		PASS
		40	0	5200.0	5199.996656	-0.64		PASS
			1	5200.0	5199.996581	-0.66		PASS
			2	5200.0	5199.996631	-0.65		PASS
		48	0	5240.0	5239.996619	-0.65		PASS
			1	5240.0	5239.996369	-0.69		PASS
			2	5240.0	5239.996269	-0.71		PASS
		52	0	5260.0	5259.985736	-2.71		PASS
			1	5260.0	5259.987738	-2.33		PASS
			2	5260.0	5259.993243	-1.28		PASS
		56	0	5280.0	5280.005255	1.0		PASS
			1	5280.0	5280.006757	1.28		PASS
			2	5280.0	5280.007758	1.47		PASS
		64	0	5320.0	5320.009259	1.74		PASS
			1	5320.0	5320.010761	2.02		PASS
			2	5320.0	5320.010260	1.93		PASS
		100	0	5500.0	5499.995746	-0.77		PASS
			1	5500.0	5499.996246	-0.68		PASS
			2	5500.0	5499.995746	-0.77		PASS
		116	0	5580.0	5579.987237	-2.29		PASS
			1	5580.0	5579.987738	-2.2		PASS
			2	5580.0	5579.987738	-2.2		PASS
		140	0	5700.0	5699.990240	-1.71		PASS
			1	5700.0	5699.990240	-1.71		PASS
			2	5700.0	5699.990240	-1.71		PASS
	40M	38	0	5190.0	5189.996544	-0.67		PASS
			1	5190.0	5189.996556	-0.66		PASS
			2	5190.0	5189.996581	-0.66		PASS
		46	0	5230.0	5229.996594	-0.65		PASS
			1	5230.0	5229.996306	-0.71		PASS
			2	5230.0	5229.996256	-0.72		PASS
		54	0	5270.0	5270.002252	0.43		PASS
			1	5270.0	5270.003253	0.62		PASS
			2	5270.0	5270.003754	0.71		PASS
		62	0	5310.0	5310.008258	1.56		PASS
			1	5310.0	5310.009760	1.84		PASS
			2	5310.0	5310.009760	1.84		PASS
		102	0	5510.0	5509.996747	-0.59		PASS
			1	5510.0	5509.996246	-0.68		PASS
			2	5510.0	5509.995746	-0.77		PASS
		110	0	5550.0	5549.995245	-0.86		PASS
			1	5550.0	5549.994244	-1.04		PASS
			2	5550.0	5549.994244	-1.04		PASS
		134	0	5670.0	5669.990240	-1.72		PASS
			1	5670.0	5669.990240	-1.72		PASS
			2	5670.0	5669.990240	-1.72		PASS
	80M	42	0	5210.0	5210.000081	0.02		PASS
			1	5210.0	5209.998431	-0.3		PASS
			2	5210.0	5209.997844	-0.41		PASS
		58	0	5290.0	5290.007257	1.37		PASS
			1	5290.0	5290.008759	1.66		PASS
			2	5290.0	5290.008759	1.66		PASS
		106	0	5530.0	5529.992743	-1.31		PASS
			1	5530.0	5529.993243	-1.22		PASS
			2	5530.0	5529.993243	-1.22		PASS
		122	0	5610.0	5609.989239	-1.92		PASS
			1	5610.0	5609.989239	-1.92		PASS

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	160M	50	2	5610.0	5609.989239	-1.92	PASS
			0	5250.0	5249.996606	-0.65	PASS
			1	5250.0	5249.996281	-0.71	PASS
			2	5250.0	5249.996219	-0.72	PASS
		114	0	5570.0	5569.994244	-1.03	PASS
			1	5570.0	5569.992743	-1.3	PASS
			2	5570.0	5569.991241	-1.57	PASS
			0	5180.0	5179.997869	-0.41	PASS
			1	5180.0	5179.997247	-0.53	PASS
			2	5180.0	5179.997247	-0.53	PASS
LT/NV	20M	36	0	5200.0	5199.996606	-0.65	PASS
			1	5200.0	5199.996619	-0.65	PASS
			2	5200.0	5199.996544	-0.66	PASS
		40	0	5240.0	5239.996294	-0.71	PASS
			1	5240.0	5239.996281	-0.71	PASS
			2	5240.0	5239.996256	-0.71	PASS
		48	0	5260.0	5259.995245	-0.9	PASS
			1	5260.0	5259.995746	-0.81	PASS
			2	5260.0	5259.995746	-0.81	PASS
		52	0	5280.0	5280.007758	1.47	PASS
			1	5280.0	5280.008258	1.56	PASS
			2	5280.0	5280.008258	1.56	PASS
		56	0	5320.0	5320.010761	2.02	PASS
			1	5320.0	5320.010761	2.02	PASS
			2	5320.0	5320.010761	2.02	PASS
		64	0	5500.0	5499.995746	-0.77	PASS
			1	5500.0	5499.995746	-0.77	PASS
			2	5500.0	5499.995746	-0.77	PASS
		100	0	5580.0	5579.987738	-2.2	PASS
			1	5580.0	5579.988238	-2.11	PASS
			2	5580.0	5579.988238	-2.11	PASS
		116	0	5700.0	5699.990240	-1.71	PASS
			1	5700.0	5699.990240	-1.71	PASS
			2	5700.0	5699.990240	-1.71	PASS
	40M	38	0	5190.0	5189.996556	-0.66	PASS
			1	5190.0	5189.996631	-0.65	PASS
			2	5190.0	5189.996556	-0.66	PASS
		46	0	5230.0	5229.996194	-0.73	PASS
			1	5230.0	5229.996231	-0.72	PASS
			2	5230.0	5229.996194	-0.73	PASS
		54	0	5270.0	5270.005255	1.0	PASS
			1	5270.0	5270.005255	1.0	PASS
			2	5270.0	5270.005756	1.09	PASS
		62	0	5310.0	5310.010260	1.93	PASS
			1	5310.0	5310.010260	1.93	PASS
			2	5310.0	5310.010761	2.03	PASS
		102	0	5510.0	5509.995746	-0.77	PASS
			1	5510.0	5509.995245	-0.86	PASS
			2	5510.0	5509.995245	-0.86	PASS
		110	0	5550.0	5549.994244	-1.04	PASS
			1	5550.0	5549.994244	-1.04	PASS
			2	5550.0	5549.994244	-1.04	PASS
		134	0	5670.0	5669.990240	-1.72	PASS
			1	5670.0	5669.990240	-1.72	PASS
			2	5670.0	5669.990240	-1.72	PASS
	80M	42	0	5210.0	5209.997419	-0.5	PASS
			1	5210.0	5209.996931	-0.59	PASS
			2	5210.0	5209.996756	-0.62	PASS
		58	0	5290.0	5290.008759	1.66	PASS
			1	5290.0	5290.008759	1.66	PASS
			2	5290.0	5290.009259	1.75	PASS
		106	0	5530.0	5529.993243	-1.22	PASS
			1	5530.0	5529.993744	-1.13	PASS
			2	5530.0	5529.993744	-1.13	PASS
		122	0	5610.0	5609.989740	-1.83	PASS

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HT/NV	160M	50	1	5610.0	5609.989740	-1.83	PASS
			2	5610.0	5609.989740	-1.83	PASS
			0	5250.0	5249.996631	-0.64	PASS
		114	1	5250.0	5249.994219	-1.1	PASS
			2	5250.0	5249.992169	-1.49	PASS
			0	5570.0	5569.989740	-1.84	PASS
	20M	36	1	5570.0	5569.989239	-1.93	PASS
			2	5570.0	5569.988739	-2.02	PASS
			0	5180.0	5179.997247	-0.53	PASS
		40	1	5180.0	5179.997247	-0.53	PASS
			2	5180.0	5179.997247	-0.53	PASS
		48	0	5200.0	5199.996581	-0.66	PASS
			1	5200.0	5199.996644	-0.65	PASS
			2	5200.0	5199.996694	-0.64	PASS
		52	0	5240.0	5239.996256	-0.71	PASS
			1	5240.0	5239.996281	-0.71	PASS
			2	5240.0	5239.996256	-0.71	PASS
		56	0	5260.0	5259.996246	-0.71	PASS
			1	5260.0	5259.996747	-0.62	PASS
			2	5260.0	5259.997247	-0.52	PASS
		64	0	5280.0	5280.008258	1.56	PASS
			1	5280.0	5280.008258	1.56	PASS
			2	5280.0	5280.008258	1.56	PASS
		100	0	5320.0	5320.010761	2.02	PASS
			1	5320.0	5320.011261	2.12	PASS
			2	5320.0	5320.011261	2.12	PASS
		116	0	5500.0	5499.995746	-0.77	PASS
			1	5500.0	5499.995746	-0.77	PASS
			2	5500.0	5499.995746	-0.77	PASS
		140	0	5580.0	5579.988238	-2.11	PASS
			1	5580.0	5579.988238	-2.11	PASS
			2	5580.0	5579.988238	-2.11	PASS
HT/NV	40M	38	0	5700.0	5699.990240	-1.71	PASS
			1	5700.0	5699.990240	-1.71	PASS
			2	5700.0	5699.990240	-1.71	PASS
		46	0	5190.0	5189.996544	-0.67	PASS
			1	5190.0	5189.996581	-0.66	PASS
			2	5190.0	5189.996594	-0.66	PASS
		54	0	5230.0	5229.996169	-0.73	PASS
			1	5230.0	5229.996169	-0.73	PASS
			2	5230.0	5229.996131	-0.74	PASS
		62	0	5270.0	5270.005756	1.09	PASS
			1	5270.0	5270.005756	1.09	PASS
			2	5270.0	5270.006256	1.19	PASS
		102	0	5310.0	5310.010761	2.03	PASS
			1	5310.0	5310.010761	2.03	PASS
			2	5310.0	5310.010761	2.03	PASS
		110	0	5510.0	5509.995245	-0.86	PASS
			1	5510.0	5509.995746	-0.77	PASS
			2	5510.0	5509.995746	-0.77	PASS
		134	0	5550.0	5549.994244	-1.04	PASS
			1	5550.0	5549.994244	-1.04	PASS
			2	5550.0	5549.994244	-1.04	PASS
	80M	42	0	5670.0	5669.990240	-1.72	PASS
			1	5670.0	5669.990240	-1.72	PASS
			2	5670.0	5669.990240	-1.72	PASS
		58	0	5210.0	5209.996619	-0.65	PASS
			1	5210.0	5209.996469	-0.68	PASS
			2	5210.0	5209.996419	-0.69	PASS
		106	0	5290.0	5290.009259	1.75	PASS
			1	5290.0	5290.009259	1.75	PASS
			2	5290.0	5290.009259	1.75	PASS
		106	0	5530.0	5529.993744	-1.13	PASS
			1	5530.0	5529.993744	-1.13	PASS
			2	5530.0	5529.993744	-1.13	PASS

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		122	0	5610.0	5609.989740	-1.83	PASS
			1	5610.0	5609.989740	-1.83	PASS
			2	5610.0	5609.989740	-1.83	PASS
	160M	50	0	5250.0	5249.991469	-1.63	PASS
			1	5250.0	5249.991206	-1.68	PASS
			2	5250.0	5249.990931	-1.73	PASS
		114	0	5570.0	5569.988238	-2.11	PASS
			1	5570.0	5569.987738	-2.2	PASS
			2	5570.0	5569.987738	-2.2	PASS
		36	0	5180.0	5179.997247	-0.53	PASS
			1	5180.0	5179.997247	-0.53	PASS
			2	5180.0	5179.997247	-0.53	PASS
		40	0	5200.0	5199.996694	-0.64	PASS
			1	5200.0	5199.996856	-0.6	PASS
			2	5200.0	5199.996806	-0.61	PASS
0°C/NV	20M	48	0	5240.0	5239.996244	-0.72	PASS
			1	5240.0	5239.996244	-0.72	PASS
			2	5240.0	5239.996256	-0.71	PASS
		52	0	5260.0	5259.997748	-0.43	PASS
			1	5260.0	5259.997748	-0.43	PASS
			2	5260.0	5259.998248	-0.33	PASS
		56	0	5280.0	5280.008258	1.56	PASS
			1	5280.0	5280.008258	1.56	PASS
			2	5280.0	5280.008759	1.66	PASS
		64	0	5320.0	5320.011261	2.12	PASS
			1	5320.0	5320.011261	2.12	PASS
			2	5320.0	5320.011261	2.12	PASS
		100	0	5500.0	5499.995746	-0.77	PASS
			1	5500.0	5499.995746	-0.77	PASS
			2	5500.0	5499.995746	-0.77	PASS
		116	0	5580.0	5579.988238	-2.11	PASS
			1	5580.0	5579.988739	-2.02	PASS
			2	5580.0	5579.988739	-2.02	PASS
		140	0	5700.0	5699.990240	-1.71	PASS
			1	5700.0	5699.990240	-1.71	PASS
			2	5700.0	5699.990240	-1.71	PASS
	40M	38	0	5190.0	5189.996594	-0.66	PASS
			1	5190.0	5189.996606	-0.65	PASS
			2	5190.0	5189.996606	-0.65	PASS
		46	0	5230.0	5229.996094	-0.75	PASS
			1	5230.0	5229.996081	-0.75	PASS
			2	5230.0	5229.996106	-0.74	PASS
		54	0	5270.0	5270.006256	1.19	PASS
			1	5270.0	5270.006256	1.19	PASS
			2	5270.0	5270.006256	1.19	PASS
		62	0	5310.0	5310.010761	2.03	PASS
			1	5310.0	5310.010761	2.03	PASS
			2	5310.0	5310.010761	2.03	PASS
		102	0	5510.0	5509.995746	-0.77	PASS
			1	5510.0	5509.995746	-0.77	PASS
			2	5510.0	5509.995746	-0.77	PASS
		110	0	5550.0	5549.994244	-1.04	PASS
			1	5550.0	5549.994244	-1.04	PASS
			2	5550.0	5549.994244	-1.04	PASS
		134	0	5670.0	5669.990240	-1.72	PASS
			1	5670.0	5669.990240	-1.72	PASS
			2	5670.0	5669.990240	-1.72	PASS
	80M	42	0	5210.0	5209.996331	-0.7	PASS
			1	5210.0	5209.996331	-0.7	PASS
			2	5210.0	5209.996256	-0.72	PASS
		58	0	5290.0	5290.009259	1.75	PASS
			1	5290.0	5290.009760	1.84	PASS
			2	5290.0	5290.009760	1.84	PASS
		106	0	5530.0	5529.993744	-1.13	PASS
			1	5530.0	5529.993744	-1.13	PASS
			2	5530.0	5529.993744	-1.13	PASS

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10°C/NV	160M	122	2	5530.0	5529.993744	-1.13	PASS
			0	5610.0	5609.989740	-1.83	PASS
			1	5610.0	5609.989740	-1.83	PASS
			2	5610.0	5609.989740	-1.83	PASS
		50	0	5250.0	5249.990831	-1.75	PASS
			1	5250.0	5249.990731	-1.77	PASS
			2	5250.0	5249.990694	-1.77	PASS
		114	0	5570.0	5569.987237	-2.29	PASS
			1	5570.0	5569.987237	-2.29	PASS
			2	5570.0	5569.986737	-2.38	PASS
	20M	36	0	5180.0	5179.997247	-0.53	PASS
			1	5180.0	5179.997247	-0.53	PASS
			2	5180.0	5179.996747	-0.63	PASS
		40	0	5200.0	5199.996844	-0.61	PASS
			1	5200.0	5199.996894	-0.6	PASS
			2	5200.0	5199.996819	-0.61	PASS
		48	0	5240.0	5239.996306	-0.7	PASS
			1	5240.0	5239.996256	-0.71	PASS
			2	5240.0	5239.996344	-0.7	PASS
		52	0	5260.0	5259.998749	-0.24	PASS
			1	5260.0	5259.999249	-0.14	PASS
			2	5260.0	5259.999750	-0.05	PASS
		56	0	5280.0	5280.008759	1.66	PASS
			1	5280.0	5280.008759	1.66	PASS
			2	5280.0	5280.008759	1.66	PASS
		64	0	5320.0	5320.011261	2.12	PASS
			1	5320.0	5320.010761	2.02	PASS
			2	5320.0	5320.010761	2.02	PASS
		100	0	5500.0	5499.995746	-0.77	PASS
			1	5500.0	5499.995746	-0.77	PASS
			2	5500.0	5499.995746	-0.77	PASS
		116	0	5580.0	5579.988739	-2.02	PASS
			1	5580.0	5579.988739	-2.02	PASS
			2	5580.0	5579.988739	-2.02	PASS
		140	0	5700.0	5699.990240	-1.71	PASS
			1	5700.0	5699.990240	-1.71	PASS
			2	5700.0	5699.990240	-1.71	PASS
	40M	38	0	5190.0	5189.996556	-0.66	PASS
			1	5190.0	5189.996619	-0.65	PASS
			2	5190.0	5189.996569	-0.66	PASS
		46	0	5230.0	5229.996106	-0.74	PASS
			1	5230.0	5229.996156	-0.73	PASS
			2	5230.0	5229.996131	-0.74	PASS
		54	0	5270.0	5270.006256	1.19	PASS
			1	5270.0	5270.006757	1.28	PASS
			2	5270.0	5270.006757	1.28	PASS
		62	0	5310.0	5310.010761	2.03	PASS
			1	5310.0	5310.010761	2.03	PASS
			2	5310.0	5310.010761	2.03	PASS
		102	0	5510.0	5509.995746	-0.77	PASS
			1	5510.0	5509.995746	-0.77	PASS
			2	5510.0	5509.995746	-0.77	PASS
		110	0	5550.0	5549.994244	-1.04	PASS
			1	5550.0	5549.994244	-1.04	PASS
			2	5550.0	5549.994244	-1.04	PASS
		134	0	5670.0	5669.990240	-1.72	PASS
			1	5670.0	5669.990240	-1.72	PASS
			2	5670.0	5669.990240	-1.72	PASS
	80M	42	0	5210.0	5209.996131	-0.74	PASS
			1	5210.0	5209.996156	-0.74	PASS
			2	5210.0	5209.996056	-0.76	PASS
		58	0	5290.0	5290.009760	1.84	PASS
			1	5290.0	5290.009760	1.84	PASS
			2	5290.0	5290.010260	1.94	PASS
		106	0	5530.0	5529.993744	-1.13	PASS

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			1	5530.0	5529.993744	-1.13	PASS
			2	5530.0	5529.993744	-1.13	PASS
			0	5610.0	5609.989740	-1.83	PASS
		122	1	5610.0	5609.989740	-1.83	PASS
			2	5610.0	5609.989740	-1.83	PASS
			0	5250.0	5249.990456	-1.82	PASS
		50	1	5250.0	5249.990394	-1.83	PASS
			2	5250.0	5249.991556	-1.61	PASS
			0	5570.0	5569.986737	-2.38	PASS
		114	1	5570.0	5569.986737	-2.38	PASS
			2	5570.0	5569.986737	-2.38	PASS
			0	5180.0	5179.996747	-0.63	PASS
20°C/NV		20M	1	5180.0	5179.996747	-0.63	PASS
			2	5180.0	5179.996747	-0.63	PASS
			0	5200.0	5199.996819	-0.61	PASS
			1	5200.0	5199.996794	-0.62	PASS
			2	5200.0	5199.996681	-0.64	PASS
			0	5240.0	5239.996406	-0.69	PASS
			1	5240.0	5239.996394	-0.69	PASS
			2	5240.0	5239.996406	-0.69	PASS
			0	5260.0	5259.999750	-0.05	PASS
			1	5260.0	5260.000250	0.05	PASS
			2	5260.0	5260.000751	0.14	PASS
			0	5280.0	5280.008759	1.66	PASS
			1	5280.0	5280.008759	1.66	PASS
			2	5280.0	5280.009259	1.75	PASS
			0	5320.0	5320.010761	2.02	PASS
			1	5320.0	5320.010761	2.02	PASS
			2	5320.0	5319.995245	-0.89	PASS
			0	5500.0	5499.995746	-0.77	PASS
			1	5500.0	5499.995746	-0.77	PASS
			2	5500.0	5499.995746	-0.77	PASS
			0	5580.0	5579.988739	-2.02	PASS
			1	5580.0	5579.989239	-1.93	PASS
			2	5580.0	5579.989239	-1.93	PASS
			0	5700.0	5699.990240	-1.71	PASS
			1	5700.0	5699.990240	-1.71	PASS
			2	5700.0	5699.990240	-1.71	PASS
			0	5190.0	5189.996606	-0.65	PASS
			1	5190.0	5189.996656	-0.64	PASS
			2	5190.0	5189.996706	-0.63	PASS
			0	5230.0	5229.996156	-0.73	PASS
			1	5230.0	5229.996156	-0.73	PASS
			2	5230.0	5229.996144	-0.74	PASS
			0	5270.0	5270.006757	1.28	PASS
			1	5270.0	5270.006757	1.28	PASS
			2	5270.0	5270.007257	1.38	PASS
			0	5310.0	5310.010761	2.03	PASS
			1	5310.0	5310.010761	2.03	PASS
			2	5310.0	5310.010761	2.03	PASS
			0	5510.0	5509.995746	-0.77	PASS
			1	5510.0	5509.995746	-0.77	PASS
			2	5510.0	5509.996246	-0.68	PASS
			0	5550.0	5549.994244	-1.04	PASS
			1	5550.0	5549.994244	-1.04	PASS
			2	5550.0	5549.993744	-1.13	PASS
			0	5670.0	5669.990240	-1.72	PASS
			1	5670.0	5669.990240	-1.72	PASS
			2	5670.0	5669.990240	-1.72	PASS
		80M	0	5210.0	5209.996056	-0.76	PASS
			1	5210.0	5209.996069	-0.75	PASS
			2	5210.0	5209.996106	-0.75	PASS
			0	5290.0	5290.010260	1.94	PASS
			1	5290.0	5290.010260	1.94	PASS
			2	5290.0	5290.010260	1.94	PASS

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		106	0	5530.0	5529.993744	-1.13	PASS	
			1	5530.0	5529.993744	-1.13	PASS	
			2	5530.0	5529.994244	-1.04	PASS	
		122	0	5610.0	5609.989740	-1.83	PASS	
			1	5610.0	5609.989740	-1.83	PASS	
			2	5610.0	5609.990240	-1.74	PASS	
		160M	50	0	5250.0	5249.991106	-1.69	PASS
				1	5250.0	5249.991094	-1.7	PASS
				2	5250.0	5249.991094	-1.7	PASS
	114		0	5570.0	5569.986737	-2.38	PASS	
			1	5570.0	5569.986737	-2.38	PASS	
			2	5570.0	5569.986737	-2.38	PASS	

30℃/NV	20M	36	0	5180.0	5179.996747	-0.63	PASS	
			1	5180.0	5179.996747	-0.63	PASS	
			2	5180.0	5179.996747	-0.63	PASS	
		40	0	5200.0	5199.996681	-0.64	PASS	
			1	5200.0	5199.996644	-0.65	PASS	
			2	5200.0	5199.996569	-0.66	PASS	
		48	0	5240.0	5239.996394	-0.69	PASS	
			1	5240.0	5239.996406	-0.69	PASS	
			2	5240.0	5239.996431	-0.68	PASS	
		52	0	5260.0	5260.000751	0.14	PASS	
			1	5260.0	5260.001251	0.24	PASS	
			2	5260.0	5260.001251	0.24	PASS	
		56	0	5280.0	5280.009259	1.75	PASS	
			1	5280.0	5280.009259	1.75	PASS	
			2	5280.0	5280.009259	1.75	PASS	
		64	0	5320.0	5319.995245	-0.89	PASS	
			1	5320.0	5319.995245	-0.89	PASS	
			2	5320.0	5319.995245	-0.89	PASS	
		100	0	5500.0	5499.995746	-0.77	PASS	
			1	5500.0	5499.995746	-0.77	PASS	
			2	5500.0	5499.995746	-0.77	PASS	
		116	0	5580.0	5579.989239	-1.93	PASS	
			1	5580.0	5579.989239	-1.93	PASS	
			2	5580.0	5579.989239	-1.93	PASS	
		140	0	5700.0	5699.990240	-1.71	PASS	
			1	5700.0	5699.990240	-1.71	PASS	
			2	5700.0	5699.990240	-1.71	PASS	
		40M	38	0	5190.0	5189.996706	-0.63	PASS
				1	5190.0	5189.996656	-0.64	PASS
				2	5190.0	5189.996669	-0.64	PASS
			46	0	5230.0	5229.996144	-0.74	PASS
				1	5230.0	5229.996119	-0.74	PASS
				2	5230.0	5229.996206	-0.73	PASS
			54	0	5270.0	5270.007257	1.38	PASS
				1	5270.0	5270.007257	1.38	PASS
				2	5270.0	5270.007257	1.38	PASS
	62		0	5310.0	5310.010761	2.03	PASS	
			1	5310.0	5310.010761	2.03	PASS	
			2	5310.0	5310.010761	2.03	PASS	
	102		0	5510.0	5509.996246	-0.68	PASS	
			1	5510.0	5509.996246	-0.68	PASS	
			2	5510.0	5509.995746	-0.77	PASS	
	110		0	5550.0	5549.994244	-1.04	PASS	
			1	5550.0	5549.994244	-1.04	PASS	
			2	5550.0	5549.994244	-1.04	PASS	
	134		0	5670.0	5669.990240	-1.72	PASS	
			1	5670.0	5669.990240	-1.72	PASS	
			2	5670.0	5669.990240	-1.72	PASS	
	80M		42	0	5210.0	5209.996106	-0.75	PASS
				1	5210.0	5209.996069	-0.75	PASS
				2	5210.0	5209.996106	-0.75	PASS
		58	0	5290.0	5290.010260	1.94	PASS	
			1	5290.0	5290.010260	1.94	PASS	

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			2	5290.0	5290.010260	1.94	PASS
			0	5530.0	5529.993744	-1.13	PASS
			1	5530.0	5529.994244	-1.04	PASS
			2	5530.0	5529.994244	-1.04	PASS
		106	0	5610.0	5609.990240	-1.74	PASS
			1	5610.0	5609.990240	-1.74	PASS
			2	5610.0	5609.990240	-1.74	PASS
			0	5250.0	5249.991094	-1.7	PASS
		122	1	5250.0	5249.991156	-1.68	PASS
			2	5250.0	5249.991106	-1.69	PASS
			0	5570.0	5569.986737	-2.38	PASS
			1	5570.0	5569.986737	-2.38	PASS
		160M	2	5570.0	5569.986737	-2.38	PASS
			0	5180.0	5179.996747	-0.63	PASS
		50	1	5180.0	5179.996747	-0.63	PASS
			2	5180.0	5179.996747	-0.63	PASS
			0	5200.0	5199.996594	-0.66	PASS
		114	1	5200.0	5199.996619	-0.65	PASS
			2	5200.0	5199.996569	-0.66	PASS
			0	5240.0	5239.996369	-0.69	PASS
		20M	1	5240.0	5239.996344	-0.7	PASS
			2	5240.0	5239.996331	-0.7	PASS
			0	5260.0	5260.001752	0.33	PASS
			1	5260.0	5260.001752	0.33	PASS
		40	2	5260.0	5260.002252	0.43	PASS
			0	5280.0	5280.009259	1.75	PASS
			1	5280.0	5280.009259	1.75	PASS
			2	5280.0	5280.009259	1.75	PASS
		48	0	5320.0	5319.995245	-0.89	PASS
			1	5320.0	5319.995245	-0.89	PASS
			2	5320.0	5319.989740	-1.93	PASS
			0	5500.0	5499.995746	-0.77	PASS
		52	1	5500.0	5499.995746	-0.77	PASS
			2	5500.0	5499.995746	-0.77	PASS
			0	5580.0	5579.989239	-1.93	PASS
		56	1	5580.0	5579.989239	-1.93	PASS
			2	5580.0	5579.989239	-1.93	PASS
			0	5700.0	5699.990240	-1.71	PASS
		64	1	5700.0	5699.990240	-1.71	PASS
			2	5700.0	5699.990240	-1.71	PASS
			0	5190.0	5189.996619	-0.65	PASS
		40M	1	5190.0	5189.996619	-0.65	PASS
			2	5190.0	5189.996694	-0.64	PASS
			0	5230.0	5229.996206	-0.73	PASS
			1	5230.0	5229.996194	-0.73	PASS
		80M	2	5230.0	5229.996194	-0.73	PASS
			0	5270.0	5270.007758	1.47	PASS
			1	5270.0	5270.007758	1.47	PASS
			2	5270.0	5270.007758	1.47	PASS
		110	0	5310.0	5310.010761	2.03	PASS
			1	5310.0	5310.010761	2.03	PASS
			2	5310.0	5310.010761	2.03	PASS
			0	5510.0	5509.996246	-0.68	PASS
		134	1	5510.0	5509.996246	-0.68	PASS
			2	5510.0	5509.996246	-0.68	PASS
			0	5550.0	5549.994244	-1.04	PASS
			1	5550.0	5549.994244	-1.04	PASS
		58	2	5550.0	5549.994244	-1.04	PASS
			0	5670.0	5669.990240	-1.72	PASS
			1	5670.0	5669.990240	-1.72	PASS
			2	5670.0	5669.990240	-1.72	PASS
		80M	0	5210.0	5209.996119	-0.74	PASS
			1	5210.0	5209.996181	-0.73	PASS
			2	5210.0	5209.996144	-0.74	PASS
			0	5290.0	5290.010260	1.94	PASS

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			1	5290.0	5290.010260	1.94	PASS
			2	5290.0	5290.010761	2.03	PASS
			0	5530.0	5529.994244	-1.04	PASS
		106	1	5530.0	5529.994244	-1.04	PASS
			2	5530.0	5529.994244	-1.04	PASS
			0	5610.0	5609.990240	-1.74	PASS
		122	1	5610.0	5609.990240	-1.74	PASS
			2	5610.0	5609.990240	-1.74	PASS
			0	5250.0	5249.991106	-1.69	PASS
		160M	1	5250.0	5249.991094	-1.7	PASS
			2	5250.0	5249.988981	-2.1	PASS
			0	5570.0	5569.986737	-2.38	PASS
			1	5570.0	5569.987237	-2.29	PASS
			2	5570.0	5569.987237	-2.29	PASS
			0	5180.0	5179.996747	-0.63	PASS
45°C/NV	20M	36	1	5180.0	5179.996747	-0.63	PASS
			2	5180.0	5179.996747	-0.63	PASS
			0	5200.0	5199.996544	-0.66	PASS
		40	1	5200.0	5199.996544	-0.66	PASS
			2	5200.0	5199.996506	-0.67	PASS
			0	5240.0	5239.996319	-0.7	PASS
		48	1	5240.0	5239.996231	-0.72	PASS
			2	5240.0	5239.996231	-0.72	PASS
			0	5260.0	5260.002252	0.43	PASS
		52	1	5260.0	5260.002753	0.52	PASS
			2	5260.0	5260.003253	0.62	PASS
			0	5280.0	5280.009259	1.75	PASS
		56	1	5280.0	5280.009259	1.75	PASS
			2	5280.0	5280.009259	1.75	PASS
			0	5320.0	5319.989740	-1.93	PASS
		64	1	5320.0	5319.989740	-1.93	PASS
			2	5320.0	5320.002252	0.42	PASS
			0	5500.0	5499.995746	-0.77	PASS
		100	1	5500.0	5499.995746	-0.77	PASS
			2	5500.0	5499.995746	-0.77	PASS
			0	5580.0	5579.989740	-1.84	PASS
		116	1	5580.0	5579.989740	-1.84	PASS
			2	5580.0	5579.989740	-1.84	PASS
			0	5700.0	5699.990240	-1.71	PASS
		140	1	5700.0	5699.990240	-1.71	PASS
			2	5700.0	5699.990240	-1.71	PASS
			0	5190.0	5189.996656	-0.64	PASS
		38	1	5190.0	5189.996669	-0.64	PASS
			2	5190.0	5189.996669	-0.64	PASS
			0	5230.0	5229.996156	-0.73	PASS
		46	1	5230.0	5229.996169	-0.73	PASS
			2	5230.0	5229.996094	-0.75	PASS
			0	5270.0	5270.007758	1.47	PASS
		54	1	5270.0	5270.007758	1.47	PASS
			2	5270.0	5270.007758	1.47	PASS
			0	5310.0	5310.010761	2.03	PASS
		62	1	5310.0	5310.010761	2.03	PASS
			2	5310.0	5310.010761	2.03	PASS
			0	5510.0	5509.996246	-0.68	PASS
		102	1	5510.0	5509.990240	-1.77	PASS
			2	5510.0	5509.991241	-1.59	PASS
			0	5550.0	5549.994244	-1.04	PASS
		110	1	5550.0	5549.994244	-1.04	PASS
			2	5550.0	5549.994244	-1.04	PASS
			0	5670.0	5669.990240	-1.72	PASS
		134	1	5670.0	5669.990240	-1.72	PASS
			2	5670.0	5669.990240	-1.72	PASS
			0	5210.0	5209.996119	-0.74	PASS
	80M	42	1	5210.0	5209.996081	-0.75	PASS
			2	5210.0	5209.996106	-0.75	PASS

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		58	0	5290.0	5290.010761	2.03		PASS
			1	5290.0	5290.010761	2.03		PASS
			2	5290.0	5290.010761	2.03		PASS
		106	0	5530.0	5529.993744	-1.13		PASS
			1	5530.0	5529.994244	-1.04		PASS
			2	5530.0	5529.994244	-1.04		PASS
		122	0	5610.0	5609.990240	-1.74		PASS
			1	5610.0	5609.990240	-1.74		PASS
			2	5610.0	5609.990240	-1.74		PASS
	160M	50	0	5250.0	5249.987968	-2.29		PASS
			1	5250.0	5249.987618	-2.36		PASS
			2	5250.0	5249.987306	-2.42		PASS
		114	0	5570.0	5569.987237	-2.29		PASS
			1	5570.0	5569.987237	-2.29		PASS
			2	5570.0	5569.987237	-2.29		PASS
			2	5570.0	5569.987237	-2.29		PASS

Condition	Mode	Ch.	Antenna	Center Frequency (MHz)	Calculated Value of Center Frequency(MHz)	Result (ppm)	Limit (ppm)	State
NT/NV	20M	149	0	5745.0	5744.990240	-1.7	Within authorized band	PASS
			1	5745.0	5744.990240	-1.7		PASS
			2	5745.0	5744.990240	-1.7		PASS
		157	0	5785.0	5784.990240	-1.69		PASS
			1	5785.0	5784.990240	-1.69		PASS
			2	5785.0	5784.990240	-1.69		PASS
		165	0	5825.0	5824.990240	-1.68		PASS
			1	5825.0	5824.994745	-0.9		PASS
			2	5825.0	5824.996246	-0.64		PASS
	40M	151	0	5755.0	5754.990240	-1.7		PASS
			1	5755.0	5754.990240	-1.7		PASS
			2	5755.0	5754.990240	-1.7		PASS
		159	0	5795.0	5794.990240	-1.68		PASS
			1	5795.0	5794.990240	-1.68		PASS
			2	5795.0	5794.990240	-1.68		PASS
	80M	155	0	5775.0	5774.990240	-1.69		PASS
			1	5775.0	5774.990240	-1.69		PASS
			2	5775.0	5774.990240	-1.69		PASS
LT/NV	20M	149	0	5745.0	5744.990240	-1.7	Within authorized band	PASS
			1	5745.0	5744.990240	-1.7		PASS
			2	5745.0	5744.990240	-1.7		PASS
		157	0	5785.0	5784.990240	-1.69		PASS
			1	5785.0	5784.990240	-1.69		PASS
			2	5785.0	5784.990240	-1.69		PASS
		165	0	5825.0	5824.997247	-0.47		PASS
			1	5825.0	5824.997748	-0.39		PASS
			2	5825.0	5824.997748	-0.39		PASS
	40M	151	0	5755.0	5754.990240	-1.7		PASS
			1	5755.0	5754.990240	-1.7		PASS
			2	5755.0	5754.990240	-1.7		PASS
		159	0	5795.0	5794.990240	-1.68		PASS
			1	5795.0	5794.990240	-1.68		PASS
			2	5795.0	5794.990741	-1.6		PASS
	80M	155	0	5775.0	5774.990240	-1.69		PASS
			1	5775.0	5774.990240	-1.69		PASS
			2	5775.0	5774.990240	-1.69		PASS
HT/NV	20M	149	0	5745.0	5744.990240	-1.7	Within authorized band	PASS
			1	5745.0	5744.990240	-1.7		PASS
			2	5745.0	5744.990240	-1.7		PASS
		157	0	5785.0	5784.990240	-1.69		PASS
			1	5785.0	5784.990240	-1.69		PASS
			2	5785.0	5784.990240	-1.69		PASS
		165	0	5825.0	5824.998248	-0.3		PASS
			1	5825.0	5824.998749	-0.21		PASS
			2	5825.0	5824.999249	-0.13		PASS
			0	5745.0	5744.990240	-1.7		PASS
			1	5745.0	5744.990240	-1.7		PASS
			2	5745.0	5744.990240	-1.7		PASS

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中国国家认证认可监督管理委员会
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	40M	151	0	5755.0	5754.990240	-1.7	PASS
			1	5755.0	5754.990240	-1.7	PASS
			2	5755.0	5754.990240	-1.7	PASS
		159	0	5795.0	5794.990741	-1.6	PASS
			1	5795.0	5794.990240	-1.68	PASS
			2	5795.0	5794.990240	-1.68	PASS
	80M	155	0	5775.0	5774.990240	-1.69	PASS
			1	5775.0	5774.990240	-1.69	PASS
			2	5775.0	5774.990240	-1.69	PASS
0°C/NV	20M	149	0	5745.0	5744.990240	-1.7	PASS
			1	5745.0	5744.990240	-1.7	PASS
			2	5745.0	5744.990240	-1.7	PASS
		157	0	5785.0	5784.990240	-1.69	PASS
			1	5785.0	5784.990240	-1.69	PASS
			2	5785.0	5784.990240	-1.69	PASS
		165	0	5825.0	5824.999249	-0.13	PASS
			1	5825.0	5824.999750	-0.04	PASS
			2	5825.0	5824.999750	-0.04	PASS
	40M	151	0	5755.0	5754.990240	-1.7	PASS
			1	5755.0	5754.990240	-1.7	PASS
			2	5755.0	5754.990240	-1.7	PASS
		159	0	5795.0	5794.990240	-1.68	PASS
			1	5795.0	5794.990240	-1.68	PASS
			2	5795.0	5794.990240	-1.68	PASS
	80M	155	0	5775.0	5774.990240	-1.69	PASS
			1	5775.0	5774.990240	-1.69	PASS
			2	5775.0	5774.990240	-1.69	PASS
10°C/NV	20M	149	0	5745.0	5744.990240	-1.7	PASS
			1	5745.0	5744.990240	-1.7	PASS
			2	5745.0	5744.990240	-1.7	PASS
		157	0	5785.0	5784.990240	-1.69	PASS
			1	5785.0	5784.990240	-1.69	PASS
			2	5785.0	5784.990240	-1.69	PASS
		165	0	5825.0	5825.000250	0.04	PASS
			1	5825.0	5825.000250	0.04	PASS
			2	5825.0	5825.000250	0.04	PASS
	40M	151	0	5755.0	5754.990240	-1.7	PASS
			1	5755.0	5754.990240	-1.7	PASS
			2	5755.0	5754.990240	-1.7	PASS
		159	0	5795.0	5794.990741	-1.6	PASS
			1	5795.0	5794.990240	-1.68	PASS
			2	5795.0	5794.990741	-1.6	PASS
	80M	155	0	5775.0	5774.990240	-1.69	PASS
			1	5775.0	5774.990240	-1.69	PASS
			2	5775.0	5774.990240	-1.69	PASS
20°C/NV	20M	149	0	5745.0	5744.990240	-1.7	PASS
			1	5745.0	5744.990240	-1.7	PASS
			2	5745.0	5744.990240	-1.7	PASS
		157	0	5785.0	5784.990240	-1.69	PASS
			1	5785.0	5784.990240	-1.69	PASS
			2	5785.0	5784.990240	-1.69	PASS
		165	0	5825.0	5825.000751	0.13	PASS
			1	5825.0	5825.000751	0.13	PASS
			2	5825.0	5825.000751	0.13	PASS
	40M	151	0	5755.0	5754.990240	-1.7	PASS
			1	5755.0	5754.990240	-1.7	PASS
			2	5755.0	5754.990240	-1.7	PASS
		159	0	5795.0	5794.990741	-1.6	PASS
			1	5795.0	5794.990741	-1.6	PASS
			2	5795.0	5794.990741	-1.6	PASS
	80M	155	0	5775.0	5774.990240	-1.69	PASS
			1	5775.0	5774.990240	-1.69	PASS
			2	5775.0	5774.990240	-1.69	PASS
30°C/NV	20M	149	0	5745.0	5744.990240	-1.7	PASS
			1	5745.0	5744.990240	-1.7	PASS
			2	5745.0	5744.990240	-1.7	PASS

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		157	2	5745.0	5744.990240	-1.7	PASS
			0	5785.0	5784.990240	-1.69	PASS
			1	5785.0	5784.990240	-1.69	PASS
		165	2	5785.0	5784.990240	-1.69	PASS
			0	5825.0	5825.000751	0.13	PASS
			1	5825.0	5825.001251	0.21	PASS
	40M	151	2	5825.0	5825.001251	0.21	PASS
			0	5755.0	5754.990240	-1.7	PASS
			1	5755.0	5754.990240	-1.7	PASS
		159	2	5755.0	5754.990240	-1.7	PASS
			0	5795.0	5794.990741	-1.6	PASS
			1	5795.0	5794.990741	-1.6	PASS
40°C/NV	20M	149	2	5795.0	5794.990240	-1.68	PASS
			0	5775.0	5774.990240	-1.69	PASS
			1	5775.0	5774.990240	-1.69	PASS
		157	2	5775.0	5774.990741	-1.6	PASS
			0	5785.0	5784.990240	-1.69	PASS
			1	5785.0	5784.990240	-1.69	PASS
		165	2	5785.0	5784.990240	-1.69	PASS
			0	5825.0	5825.001251	0.21	PASS
			1	5825.0	5825.001251	0.21	PASS
		151	2	5825.0	5825.001251	0.21	PASS
			0	5755.0	5754.990240	-1.7	PASS
			1	5755.0	5754.990240	-1.7	PASS
	40M	159	2	5755.0	5754.990741	-1.61	PASS
			0	5795.0	5794.990741	-1.6	PASS
			1	5795.0	5794.990741	-1.6	PASS
		155	2	5795.0	5794.990741	-1.6	PASS
			0	5775.0	5774.990240	-1.69	PASS
			1	5775.0	5774.990240	-1.69	PASS
45°C/NV	20M	149	2	5775.0	5774.990240	-1.69	PASS
			0	5745.0	5744.990240	-1.7	PASS
			1	5745.0	5744.990240	-1.7	PASS
		157	2	5745.0	5744.990240	-1.7	PASS
			0	5785.0	5784.990240	-1.69	PASS
			1	5785.0	5784.990741	-1.6	PASS
		165	2	5785.0	5784.990240	-1.69	PASS
			0	5825.0	5825.001251	0.21	PASS
			1	5825.0	5825.001752	0.3	PASS
		151	2	5825.0	5825.001752	0.3	PASS
			0	5755.0	5754.990741	-1.61	PASS
			1	5755.0	5754.990741	-1.61	PASS
	40M	159	2	5755.0	5754.990741	-1.61	PASS
			0	5795.0	5794.990741	-1.6	PASS
			1	5795.0	5794.990741	-1.6	PASS
		155	2	5795.0	5794.990741	-1.6	PASS
			0	5775.0	5774.990240	-1.69	PASS
			1	5775.0	5774.990240	-1.69	PASS



3.8. Antenna Requirement

Requirement

FCC CFR Title 47 Part 15 Subpart C Section 15.203

An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of antenna that uses a unique coupling to the intentional radiator, the manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited.

Test Result

The directional gain of the antenna is less than 6dBi, please refer to the EUT internal photographs antenna photo.